

#4

Sheet 1 of 1

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DKT. NO. 1021.40593X00	SERIAL NO.
	APPLICANT HIRABAYASHI, et al..	
	FILING DATE August 30, 2001	GROUP

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
AC	AA	4,861,988	08/29/89	HENION, et al.	290	288
AC	AB	4,935,624	06/19/90	HENION, et al.	250	288
	AC					
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	AJ					
	AK					
	AL					

JC857 U.S. PTO
09/04/99
08/30/01

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AM						
	AN						
	AO						
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	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AC	AU	Daniel LITTLE, et al., "MALDI on a Chip: Analysis of Arrays of Low-Femtomole to Subfemtomole Quantities of Synthetic Oligonucleotides and DNA Diagnostic Products Dispensed by a Piezoelectric Pipet", Analytical Chemistry, Vol. 69, No. 22, November 15, 1997, pps. 4540-4546
	AV	Mark T. KRAHMER, et al., "Electrospray Quadrupole Mass Spectrometry Analysis of Model Oligonucleotides and Polymerase Chain Reaction Products: Determination of Base Substitutions, Nucleotide Additions/Deletions, and Chemical Modifications", Analytical Chemistry, Vol. 71, No. 14, July 15, 1999, pps. 2893-2900
	AW	Viswanatham KATTA, et al., "Conformational Changes in Proteins Probed by Hydrogen-exchange Electrospray-ionization Mass Spectrometry", Rapid Communications In Mass Spectrometry, Vol. 5, (1991), pps. 214-217
AC	AX	Atsumu HIRABAYASHI, et al., "Multiply-charged Ion Formation by Sonic Spray", Rapid Communications in Mass Spectrometry, Vol. 10, (1996), pps. 1703-1705
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